

GENERAL NOTES

- Specifications:** Latest SHA Specifications and Special Provisions for materials and construction. Latest AASHTO Standard Specifications for Highway Bridges for design.
- Materials:** Posts and rails shall conform to ASTM F-1083, Schedule 80. Fabric shall be 6 gauge, 2" PVC coated mesh conforming to 914.01.
- All posts, braces, fittings and hardware shall be PVC coated. Coating shall conform to 914.03 except that nuts, bolts and washers shall also be PVC coated and touched up after installation.
- All plates shall be steel conforming to ASTM A 709 Grade 36.
- Anchor studs or anchor bolts shall conform to ASTM A 276, Type 430 or Type 304 stainless steel annealed, hot-finished, ultimate strength 70 000 psimin., 20% min. elongation. Threads may be rolled or cut.
- Epoxy grout for anchor studs in cored holes shall conform to 902.11(d).
- PVC color for all elements of fence shall be black unless otherwise noted.
- Construction:** All longitudinal rails shall be parallel to top of parapet.
- All posts shall be set normal to top of parapet for roadway grades 6% or less. For grades over 6% posts shall be set plumb.
- The chain link fence shall be true to line, taut, tight fit to top of parapet, with 1/2" min. to 1" max. gap, and shall comply with the best practice for fence construction of this type.
- Post and rails shall be permanently positioned before fabric is placed.
- For post spacing see pertinent structure sheets.
- Precoated longitudinal rails, if cut, shall have the cut end coated with PVC touch up material supplied by the manufacturer prior to erection.
- If Contractor elects to place anchor studs after placing concrete parapet, newly placed rebars shall be located so that coring does not damage same, all holes shall be cored (not drilled) and the diameter of the cored holes for the anchor studs shall be 7/8".
- Measurement and Payment:** The furnishing, fabricating, erecting, etc., of all new chain link fence on the bridges, complete in place, will not be measured for payment but all costs thereof shall be included in the Contract lump sum prices for the pertinent Chain Link Safety Fence For Bridge Items.
- The furnishing, fabricating, erecting, etc., of all new chain link fence anti-climb shields, complete in place, will be measured and paid for at the Contract unit prices per each for the pertinent Chain Link Safety Fence Anti-Climb Shield items.
- Any defects uncovered by the inspection of welds on base plates and poles shall be repaired or replaced by new members at no additional cost to the Administration.

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR OFFICE OF STRUCTURES	
DATE: 6/3/76	
REVISIONS	
SHA	FHWA
4-27-94	.
11-17-97	.
3-13-01	.
7-24-01	.

FHWA APPROVAL	3-13-01	.
DATE: 11-9-76	7-24-01	.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

CHAIN LINK SAFETY FENCE-NEW STRUCTURES
GENERAL NOTES

STANDARD NO. BR-SS(3.01)-75-21

SHEET 1 OF 1